LISTINGS OF CLAIMS

What is claimed is:

1. (currently amended) A compound of the general formula:

$$\begin{array}{c|c}
R2 \\
X \\
N \\
N \\
N \\
R4 \\
X'$$

wherein X and X' are independently O or S;

 $10 R^1$ is

15

20

25

5

a) H, (C_1-C_6) alkyl, (C_1-C_6) haloalkyl, (C_1-C_6) cyanoalkyl, (C_1-C_6) alkoxycarbonyl (C_1-C_6) alkyl, (C_1-C_6) alkoxy, or benzyloxy;

b) unsubstituted or substituted phenyl wherein the substituents are independently 1 to 5 H; halo; nitro; cyano; hydroxy; amino (-NR^aR^b); (C₁-C₆)alkyl; (C₁-C₆)haloalkyl; (C₁- C_6)cyanoalkyl; (C_1-C_6) hydroxyalkyl; (C_1-C_6) alkoxy; phenoxy; (C_1-C_6) haloalkoxy; (C_1-C_6) hydroxyalkyl; C_6)alkoxy(C_1 - C_6)alkyl; (C_1 - C_6)alkoxy(C_1 - C_6)alkoxy; (C_1 - C_6)alkanoyloxy(C_1 - C_6)alkyl; (C_2 -C₆)alkenyl optionally substituted with halo, cyano, (C₁-C₄) alkyl, or (C₁-C₄)alkoxy; (C₂-C₆)alkynyl optionally substituted with halo or (C₁-C₄)alkyl; formyl; carboxy; (C₁benzoyl; (C_1-C_6) alkoxycarbonyl; (C_1-C_6) C₆)alkylcarbonyl; (C_1-C_6) haloalkylcarbonyl; C₆)haloalkoxycarbonyl; (C₁-C₆)alkanoyloxy (-OCOR^a); carboxamido (-CONR^aR^b); amido (-NR^aCOR^b); $(-NR^aCO_2R^b);$ alkoxycarbonylamino alkylaminocarbonylamino $NR^aCONR^bR^c$); mercapto; (C_1-C_6) alkylthio; (C_1-C_6) alkylsulfonyl; (C_1-C_6) alkylsulfoxido (-S(O)R^a); sulfamido (-SO₂NR^aR^b); or unsubstituted or substituted phenyl wherein the substituents are independently 1 to 3 halo, nitro, (C₁-C₆) alkoxy, (C₁-C₆)alkyl, or amino; or when two adjacent positions on the phenyl ring are substituted with alkoxy groups, these groups, together with the carbon atoms to which they are attached, may be joined as a linkage (-OCH₂O-) or (-OCH₂CH₂O-) to form a 5- or 6-membered dioxolano or dioxano heterocyclic ring;

- c) unsubstituted or substituted naphthyl wherein the substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkoxy, (C_1-C_6) alkyl, or amino;
- \underline{d} [[e]]) unsubstituted or substituted benzothiophene-2-yl, benzothiophene-3-yl, benzofuran-2-yl, or benzofuran-3-yl wherein the substituents are independently 1 to 3 halo, nitro, hydroxy, (C_1-C_6) alkyl, (C_1-C_6) alkoxy, carboxy, or (C_1-C_6) alkoxycarbonyl $(-CO_2R^a)$;
- e) unsubstituted or substituted 2, 3, or 4-pyridyl wherein the substituents are independently 1 to 3 halo, cyano, nitro, hydroxy, (C₁-C₆)alkyl, (C₁-C₆)alkoxy, or (C₁-C₆)haloalkoxy;
- f) unsubstituted or substituted 5-membered heterocycle selected from furyl, thiophenyl, triazolyl, pyrrolyl, isopyrrolyl, pyrazolyl, isoimidazolyl, thiazolyl, isothiazolyl, oxazolyl, or isooxazolyl wherein the substituents are independently 1 to 3 halo, nitro, hydroxy, (C_1-C_6) alkyl, (C_1-C_6) alkoxy, carboxy, (C_1-C_6) alkoxycarbonyl $(-CO_2R^a)$, or unsubstituted or substituted phenyl wherein the substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkyl, (C_1-C_6) haloalkyl, (C_1-C_6) alkoxy, (C_1-C_6) haloalkoxy, carboxy, (C_1-C_4) alkoxycarbonyl $(-CO_2R^a)$, or amino $(-NR^aR^b)$;
- g) aromatic-substituted or unsubstituted phenyl(C_1 - C_6)alkyl, phenyl(C_1 - C_6)alkoxy(C_1 - C_6)alkyl, or phenoxy(C_1 - C_6)alkyl wherein the aromatic substituents are independently 1 to 3 halo, nitro, (C_1 - C_6) alkoxy, (C_1 - C_6)alkyl, or amino; or
 - h) aromatic-substituted or unsubstituted phenylamino, phenyl (C_1-C_6) alkylamino, or phenylcarbonylamino wherein the aromatic substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkoxy, (C_1-C_6) alkyl, or amino;

wherein R^a, R^b, and R^c are independently H, (C₁-C₆)alkyl, or phenyl;

5

10

20

25

- R^2 and R^3 are independently H, (C_1-C_6) alkyl, (C_1-C_6) haloalkyl, (C_1-C_6) cyanoalkyl, (C_1-C_6) hydroxyalkyl, (C_1-C_6) alkoxy (C_1-C_6) alkyl, phenyl, or together as an alkane linkage $(-(CH_2)_x-)$, an alkyloxylalkyl linkage $(-(CH_2)_yO(CH_2)_z-)$, an alkylaminoalkyl linkage $(-(CH_2)_yNR^a(CH_2)_z-)$, or an alkylbenzoalkyl linkage $(-(CH_2)_y-1-benzo-2-(CH_2)_z-)$ form a ring with the carbon atom to which they are attached,
 - wherein x = 3 to 7, y = 1 to 3, z = 1 to 3, and R^a is H, (C_1-C_6) alkyl, or phenyl; and
- R⁴ is unsubstituted or substituted phenyl wherein the substituents are independently 1 to 5 H; halo; nitro; cyano; hydroxy; amino (-NR^aR^b); (C₁-C₆)alkyl; (C₁-C₆)haloalkyl; (C₁-C₆)cyanoalkyl; (C₁-C₆)hydroxyalkyl; (C₁-C₆)alkoxy; phenoxy; (C₁-C₆)haloalkoxy; (C₁-C₆)alkoxy(C₁-C₆)alkyl; (C₁-C₆)alkoxy; (C₁-C₆)alkoxy; (C₁-C₆)alkoxy; (C₁-C₆)alkyl; (C₂-C₆)alkenyl optionally substituted with halo, cyano, (C₁-C₄) alkyl, or (C₁-C₄)alkoxy; (C₂-C₆)alkynyl optionally

substituted with halo or (C_1-C_4) alkyl; formyl; carboxy; (C_1-C_6) alkylcarbonyl; (C_1-C_6) haloalkylcarbonyl; benzoyl; (C_1-C_6) alkoxycarbonyl; (C_1-C_6) haloalkoxycarbonyl; (C_1-C_6) alkanoyloxy $(-OCOR^a)$; carboxamido $(-CONR^aR^b)$; amido $(-NR^aCOR^b)$; alkoxycarbonylamino $(-NR^aCO_2R^b)$; alkylaminocarbonylamino $(-NR^aCONR^bR^c)$; mercapto; (C_1-C_6) alkylthio; (C_1-C_6) alkylsulfonyl; (C_1-C_6) alkylsulfoxido $(-S(O)R^a)$; sulfamido $(-SO_2NR^aR^b)$; or unsubstituted or substituted phenyl wherein the substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkoxy, (C_1-C_6) alkyl, or amino; or when two adjacent positions on the phenyl ring are substituted with alkoxy groups, these groups, together with the carbon atoms to which they are attached, may be joined to form a 5- or 6-membered dioxolano $(-OCH_2O_-)$ or dioxano $(-OCH_2CH_2O_-)$ heterocyclic ring; wherein R^a , R^b , and R^c are independently H, (C_1-C_6) alkyl, or phenyl;

provided that R^4 is not 3-nitrophenyl or 4-nitrophenyl, and when R^4 is phenyl, then R^1 is not phenyl, when R^4 is 3-chlorophenyl, then R^1 is not phenylamino, or when R^4 is 4-chlorophenyl, then R^1 is not methyl.

15

10

5

2. (currently amended) The compound of claim 1 wherein:

X and X' are independently O or S;

- R^1 is
 - a) H, (C_1-C_6) alkyl, (C_1-C_6) haloalkyl, (C_1-C_6) cyanoalkyl, (C_1-C_6) alkoxycarbonyl (C_1-C_6) alkyl, (C_1-C_6) alkoxy, or benzyloxy;
- b) unsubstituted or substituted phenyl wherein the substituents are independently 1 to 5 H; 25 halo; nitro; cyano; hydroxy; (C₁-C₆)alkyl; (C₁-C₆)haloalkyl; (C₁-C₆)cyanoalkyl; (C₁- C_6)hydroxyalkyl; (C_1-C_6) alkoxy; (C_1-C_6) haloalkoxy; (C_1-C_6) alkoxy (C_1-C_6) alkyl; (C_1-C_6) alkoxy C₆)alkanoyloxy(C₁-C₆)alkyl; (C₂-C₆)alkenyl optionally substituted with halo, cyano, (C₁-C₄) alkyl, or (C_1-C_4) alkoxy; (C_2-C_6) alkynyl optionally substituted with halo or (C_1-C_4) alkyl; (C_1-C_6) alkylcarbonyl; (C_1-C_6) haloalkylcarbonyl; formyl: carboxy; benzoyl; (C₁-30 C₆)alkoxycarbonyl; (C₁-C₆)alkanoyloxy (-OCOR^a); carboxamido (-CONR^aR^b); amido (- NR^aCOR^b); (C₁-C₆) alkylsulfonyl; (C₁-C₆)alkylsulfoxido (-S(O)R^a); sulfamido (-SO₂NR^aR^b); or unsubstituted or substituted phenyl wherein the substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkoxy, (C_1-C_6) alkyl, or amino; or when two adjacent positions on the phenyl ring are substituted with alkoxy groups, these groups, together with the carbon atoms to

which they are attached, may be joined as a linkage (-OCH₂O-) or (-OCH₂CH₂O-) to form a 5- or 6-membered dioxolano or dioxano heterocyclic ring;

- c) unsubstituted or substituted benzothiophene-2-yl, or benzofuran-2-yl wherein the substituents are independently 1 to 3 halo, nitro, hydroxy, (C₁-C₆)alkyl, or (C₁-C₆)alkoxy;
- d) unsubstituted or substituted 2, 3, or 4-pyridyl wherein the substituents are independently 1 to 3 halo, cyano, nitro, hydroxy, (C₁-C₆)alkyl, (C₁-C₆)alkoxy, or (C₁-C₆)haloalkoxy;
 - e) unsubstituted or substituted 5-membered heterocycle selected from furyl, thiophenyl, triazolyl, pyrazolyl, thiazolyl, isothiazolyl, oxazolyl, or isooxazolyl wherein the substituents are independently 1 to 3 halo, nitro, hydroxy, (C_1-C_6) alkyl, (C_1-C_6) alkoxy, carboxy, (C_1-C_6) alkoxycarbonyl $(-CO_2R^a)$, or unsubstituted or substituted phenyl wherein the substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkyl, (C_1-C_6) haloalkyl, (C_1-C_6) alkoxy, (C_1-C_6) haloalkoxy, carboxy, or (C_1-C_4) alkoxycarbonyl $(-CO_2R^a)$;
 - f) aromatic-substituted or unsubstituted phenyl(C_1 - C_6)alkyl, phenyl(C_1 - C_6)alkyl, or phenoxy(C_1 - C_6)alkyl wherein the aromatic substituents are independently 1 to 3 halo, nitro, (C_1 - C_6) alkoxy, or (C_1 - C_6)alkyl; or
 - g) aromatic-substituted or unsubstituted phenylamino, phenyl (C_1-C_6) alkylamino, or phenylcarbonylamino wherein the aromatic substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkoxy, or (C_1-C_6) alkyl;

wherein R^a and R^b are independently H, (C₁-C₆)alkyl, or phenyl;

wherein K and K are independently 11, (C1-C6)arky1, or pheny1,

10

15

25

30

 R^2 and R^3 are independently H, (C_1-C_6) alkyl, (C_1-C_6) haloalkyl, (C_1-C_6) cyanoalkyl, (C_1-C_6) hydroxyalkyl, (C_1-C_6) alkoxy (C_1-C_6) alkyl, phenyl, or together as an alkane linkage $(-(CH_2)_x-)$, an alkyloxylalkyl linkage $(-(CH_2)_yO(CH_2)_z-)$, an alkylaminoalkyl linkage $(-(CH_2)_yNR^a(CH_2)_z-)$, or an alkylbenzoalkyl linkage $(-(CH_2)_y-1-benzo-2-(CH_2)_z-)$ form a ring with the carbon atom to which they are attached,

wherein x = 3 to 7, y = 1 to 3, z = 1 to 3, and R^a is H, (C_1-C_6) alkyl, or phenyl; and

R⁴ is unsubstituted or substituted phenyl wherein the substituents are independently 1 to 5 H; halo; nitro; cyano; hydroxy; (C₁-C₆)alkyl; (C₁-C₆)haloalkyl; (C₁-C₆)cyanoalkyl; (C₁-C₆)hydroxyalkyl; (C₁-C₆)alkoxy; (C₁-C₆)haloalkoxy; (C₁-C₆)alkoxy(C₁-C₆)alkyl; (C₁-C₆)alkoxy(C₁-C₆)alkyl; (C₂-C₆)alkenyl optionally substituted with halo, cyano, (C₁-C₄) alkyl, or (C₁-C₄)alkoxy; (C₂-C₆)alkynyl optionally substituted with halo or (C₁-C₄)alkyl; formyl; carboxy; (C₁-C₆)alkylcarbonyl; (C₁-C₆)haloalkylcarbonyl; benzoyl; (C₁-C₆)alkoxycarbonyl; (C₁-C₆)alkoxycarbonyl; (C₁-C₆)alkylcarbonyl; carboxamido (-CONR^aR^b); amido (-NR^aCOR^b); (C₁-C₆) alkylsulfonyl;

(C₁-C₆)alkylsulfoxido (-S(O)R^a); sulfamido (-SO₂NR^aR^b); or unsubstituted or substituted phenyl wherein the substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkoxy, (C_1-C_6) alkyl, or amino; or when two adjacent positions on the phenyl ring are substituted with alkoxy groups, these groups, together with the carbon atoms to which they are attached, may be joined as a 5 linkage (-OCH₂O-) or (-OCH₂CH₂O-) to form a 5- or 6-membered dioxolano or dioxano heterocyclic ring; wherein R^a and R^b are independently H, (C₁-C₆)alkyl, or phenyl; provided that R⁴ is not 3-nitrophenyl or 4-nitrophenyl, and when R⁴ is phenyl, then R¹ is not phenyl, when R⁴ is 3-chlorophenyl, then R¹ is not phenylamino, or when R⁴ is 4-chlorophenyl, then R¹ is not methyl.

- 10
 - 3. (currently amended) The compound of claim 2 wherein:
- 15 X is O;

X' is O or S;

 R^1 is

25

35

- 20 a) H, (C_1-C_6) alkyl, (C_1-C_6) haloalkyl, or (C_1-C_6) alkoxycarbonyl (C_1-C_6) alkyl;
 - b) unsubstituted or substituted phenyl wherein the substituents are independently 1 to 5 H; halo; nitro; cyano; (C₁-C₆)alkyl; (C₁-C₆)haloalkyl; (C₁-C₆)alkoxy; (C₁-C₆)haloalkoxy; (C₁-C₁-C₆)haloalkoxy; (C₁-C₆)haloalkoxy; (C₁-C C₆)alkylcarbonyl; (C₁-C₆)alkoxycarbonyl; carboxamido (-CONR^aR^b); amido (-NR^aCOR^b); or phenyl; or when two adjacent positions on the phenyl ring are substituted with alkoxy groups, these groups, together with the carbon atoms to which they are attached, may be joined as a linkage (-OCH₂O-) or (-OCH₂CH₂O-) to form a 5- or 6-membered dioxolano or dioxano heterocyclic ring;
 - c) unsubstituted or substituted benzothiophene-2-yl, or benzofuran-2-yl wherein the substituents are independently 1 to 3 halo, nitro, hydroxy, (C₁-C₆)alkyl, or (C₁-C₆)alkoxy;
- 30 d) unsubstituted or substituted furyl or thiophenyl wherein the substituents are independently 1 to 3 halo, nitro, (C₁-C₆)alkyl, (C₁-C₆)alkoxy, carboxy, (C₁-C₆)alkoxycarbonyl $(-CO_2R^a)$, or phenyl;
 - e) aromatic-substituted or unsubstituted phenyl(C₁-C₆)alkyl, phenyl(C₁-C₆)alkoxy(C₁-C₆)alkyl, or phenoxy(C₁-C₆)alkyl wherein the aromatic substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkoxy, or (C_1-C_6) alkyl; or

f) aromatic-substituted or unsubstituted phenylamino, phenyl (C_1-C_6) alkylamino, or phenylcarbonylamino wherein the aromatic substituents are independently 1 to 3 halo, nitro, (C_1-C_6) alkoxy, or (C_1-C_6) alkyl;

wherein R^a and R^b are independently H, (C₁-C₆)alkyl, or phenyl;

5

 R^2 and R^3 are independently H, $(C_1\text{-}C_6)$ alkyl, $(C_1\text{-}C_6)$ haloalkyl, $(C_1\text{-}C_6)$ alkoxy $(C_1\text{-}C_6)$ alkyl, phenyl, or together as an alkane linkage $(\text{-}(CH_2)_x\text{-})$, an alkyloxylalkyl linkage $(\text{-}(CH_2)_y\text{O}(CH_2)_z\text{-})$, an alkylaminoalkyl linkage $(\text{-}(CH_2)_y\text{NR}^a(CH_2)_z\text{-})$, or an alkylbenzoalkyl linkage $(\text{-}(CH_2)_y\text{-}1\text{-}\text{benzo-}2\text{-}(CH_2)_z\text{-})$ form a ring with the carbon atom to which they are attached,

wherein x = 3 to 7, y = 1 to 3, z = 1 to 3, and R^a is H, (C_1-C_6) alkyl, or phenyl; and

 R^4 is unsubstituted or substituted phenyl wherein the substituents are independently 1 to 5 H; halo; nitro; cyano; $(C_1\text{-}C_6)$ alkyl; $(C_1\text{-}C_6)$ haloalkyl; $(C_1\text{-}C_6)$ alkoxy; $(C_1\text{-}C_6)$ haloalkoxy; $(C_1\text{-}C_6)$ alkylcarbonyl; $(C_1\text{-}C_6)$ alkoxycarbonyl; carboxamido (-CONR a R b); amido (-NR a COR b); or phenyl; or when two adjacent positions on the phenyl ring are substituted with alkoxy groups, these groups, together with the carbon atoms to which they are attached, may be joined as a linkage (-OCH $_2$ O-) or (-OCH $_2$ CH $_2$ O-) to form a 5- or 6-membered dioxolano or dioxano heterocyclic ring; wherein R^a and R^b are independently H, $(C_1\text{-}C_6)$ alkyl, or phenyl; provided that R^4 is not 3-nitrophenyl or 4-nitrophenyl, and

- when R^4 is phenyl, then R^1 is not phenyl, when R^4 is 3-chlorophenyl, then R^1 is not phenylamino, or when R^4 is 4-chlorophenyl, then R^1 is not methyl.
 - 4. (currently amended) The compound of claim 3 wherein:

25

15

X and X' are O;

R¹ is

phenyl, 4-chlorophenyl-, 4-ethylphenyl-, 2-ethyl-3,4-ethylenedioxyphenyl, 3-fluorophenyl-, 2-fluoro-4-ethylphenyl-, 2-methyl-3-methoxyphenyl-, 2-ethyl-3-methoxyphenyl, 3-methylphenyl-,

fluoro-4-ethylphenyl-, 2-methyl-3-methoxyphenyl-, 2-ethyl-3-methoxyphenyl, 3-methylphenyl-, 2-methoxyphenyl-, 2-nitrophenyl-, 3-nitrophenyl-, 2-furanyl-, benzyl-, benzyl-, benzyloxymethyl, phenoxymethyl-, 3-toluoylamino-, benzylamino-,

benzoylamino-, ethoxycarbonylethyl-, or 3-chloro-2,2,3,3-tetrafluoroethyl;

35

```
R^2 and R^3 are independently methyl, ethyl, or together as a tetramethylene (-(CH2)<sub>4</sub>-), 4-pyrano (-CH<sub>2</sub>CH<sub>2</sub>OCH<sub>2</sub>CH<sub>2</sub>-), or methylenebenzoethylene (-CH<sub>2</sub>-1-benzo-2-CH<sub>2</sub>CH<sub>2</sub>-) linkage form a ring with the carbon atom to which they are attached; and
```

5 R⁴ is phenyl, 4-biphenyl, 4-chlorophenyl, 2,4-dimethoxyphenyl, 3,5-dimethylphenyl, 2-methoxyphenyl, 3,4-methylenedioxyphenyl, 3-trifluoromethylphenyl, or 4-trifluromethoxyphenyl;

provided that when R^4 is phenyl, then R^1 is not phenyl.

10

- 5. (currently amended) The compound of claim 4 selected from the group consisting of: 1-Benzyl-3-[3-(3,5-dimethyl-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-urea; 1-Benzoyl-3-[3-(3,5-dimethyl-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-urea; N-[3-(4-Chloro-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-4-ethyl-benzamide;
- 3-Chloro-N-[3-(4-chloro-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-2,2,3,3-tetrafluoro-propionamide;

N-[3-(4-Chloro-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-benzamide;

Benzo[b]thiophene-2-carboxylic acid [3-(4-chloro-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-amide;

N-[3-(4-Chloro-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-succinamic acid ethyl ester;

1 [3 (4-Chloro-phenyl) 5,5-dimethyl [1,2,4]oxadiazol 4-yl] 3-phenyl urea;

N-[3-(4-Chloro-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-2-phenoxy-acetamide;

 $\hbox{2-Benzyloxy-N-[3-(4-chloro-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-acetamide;}\\$

Furan-2-carboxylic acid [3-(4-chloro-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-amide;

N-[3-(4-Chloro-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-2-phenyl-acetamide;

N-[3-(4-Chloro-phenyl)-5,5-dimethyl-[1,2,4] oxadiazol-4-yl]-2-ethyl-3-methoxy-1-2-ethyl-2-ethyl-3-methoxy-1-2-ethyl-3-et

benzamide;

 $N\hbox{-}[5,5\hbox{-}Dimethyl\hbox{-}3\hbox{-}(4\hbox{-}trifluoromethoxy\hbox{-}phenyl)\hbox{-}[1,2,4] oxadiazol\hbox{-}4\hbox{-}yl]\hbox{-}benzamide;}$

N-[5,5-Dimethyl-3-(4-trifluoromethoxy-phenyl)-[1,2,4] oxadiazol-4-yl]-4-ethyl-1-2-(4-trifluoromethoxy-phenyl)-[1,2,4] oxadiazol-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl)-[1,2,4] oxadiazol-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl)-[1,2,4] oxadiazol-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl)-[1,2,4] oxadiazol-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl)-[1,2,4] oxadiazol-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl-4-yl]-4-ethyl-4-(4-trifluoromethoxy-phenyl-4-

30 benzamide;

Benzo[b]thiophene-2-carboxylic acid [5,5-dimethyl-3-(4-trifluoromethoxy-phenyl)-[1,2,4]oxadiazol-4-yl]-amide;

1 [5,5 Dimethyl 3 (4 trifluoromethoxy phenyl) [1,2,4]oxadiazol 4 yl] 3 phenyl urea;

```
acetamide;
              2-Benzyloxy-N-[5,5-dimethyl-3-(4-trifluoromethoxy-phenyl)-[1,2,4]oxadiazol-4-yl]-
              acetamide;
 5
              N-[5,5-Dimethyl-3-(4-trifluoromethoxy-phenyl)-[1,2,4]oxadiazol-4-yl]-2-phenyl-
              acetamide:
              Furan-2-carboxylic acid [5,5-dimethyl-3-(4-trifluoromethoxy-phenyl)-[1,2,4]oxadiazol-4-
              yl]-amide;
              N-[5,5-Dimethyl-3-(4-trifluoromethoxy-phenyl)-[1,2,4]oxadiazol-4-yl]-2-ethyl-3-
10
              methoxy-benzamide;
              N-[5,5-Dimethyl-3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-4-yl]-4-ethyl-benzamide;
              N-[5.5-Dimethyl-3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-4-yl]-benzamide;
              3-Chloro-N-[5,5-dimethyl-3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-4-yl]-2,2,3,3-
              tetrafluoro-propionamide;
15
              N-[5,5-Dimethyl-3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-4-yl]-succinamic
                                                                                                acid
              ethyl ester;
              1 [5,5 Dimethyl 3 (3 trifluoromethyl phenyl) [1,2,4]oxadiazol 4 yl] 3 phenyl urea;
              2-Benzyloxy-N-[5,5-dimethyl-3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-4-yl]-
              acetamide;
20
              Furan-2-carboxylic acid [5,5-dimethyl-3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-4-
              yl]-amide;
              4-Ethyl-N-[3-(2-methoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-benzamide;
              N-[3-(2-Methoxy-phenyl)-5.5-dimethyl-[1,2,4]oxadiazol-4-yl]-benzamide;
              N-[5,5-Dimethyl-3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-4-yl]-2-ethyl-3-methoxy-
25
              benzamide;
              N-[5,5-Dimethyl-3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-4-yl]-2-phenyl-
              acetamide;
              N-[5,5-Dimethyl-3-(3-trifluoromethyl-phenyl)-[1,2,4]oxadiazol-4-yl]-2-phenoxy-
              acetamide;
30
              Benzo[b]thiophene-2-carboxylic
                                                          [5,5-dimethyl-3-(3-trifluoromethyl-phenyl)-
                                                  acid
              [1,2,4]oxadiazol-4-yl]-amide;
              3-Chloro-2,2,3,3-tetrafluoro-N-[3-(2-methoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-
              yl]-propionamide;
```

N-[5,5-Dimethyl-3-(4-trifluoromethoxy-phenyl)-[1,2,4]oxadiazol-4-yl]-2-phenoxy-

ester; Benzo[b]thiophene-2-carboxvlic acid [3-(2-methoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-amide; 5 1 [3 (2 Methoxy phenyl) 5.5 dimethyl [1,2,4]oxadiazol 4 yl] 3 phenyl urea; N-[3-(2-Methoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-2-phenoxy-acetamide; 2-Benzyloxy-N-[3-(2-methoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-acetamide; N-[3-(2-Methoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-2-phenyl-acetamide; Furan-2-carboxylic acid [3-(2-methoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-10 amide: 2-Ethyl-3-methoxy-N-[3-(2-methoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]benzamide; N-(3-Benzo[1,3]dioxol-5-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-4-ethyl-benzamide; N-(3-Benzo[1,3]dioxol-5-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-benzamide; 15 N-(3-Benzo[1,3]dioxol-5-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-succinamic acid ethyl ester; Benzo[b]thiophene-2-carboxylic acid (3-benzo[1,3]dioxol-5-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-amide; 1 (3 Benzo[1,3]dioxol 5 yl 5,5 dimethyl [1,2,4]oxadiazol 4 yl) 3 phenyl urea; 20 N-(3-Benzo[1,3]dioxol-5-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-2-phenoxy-acetamide; N-(3-Benzo[1,3]dioxol-5-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-2-benzyloxy-acetamide; N-(3-Benzo[1,3]dioxol-5-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-2-phenyl-acetamide; Furan-2-carboxylic acid (3-benzo[1,3]dioxol-5-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)amide: 25 N-(3-Benzo[1,3]dioxol-5-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-2-ethyl-3-methoxybenzamide; N-[3-(2,4-Dimethoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-4-ethyl-benzamide; N-[3-(2,4-Dimethoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-benzamide; N-[3-(2,4-Dimethoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-succinamic acid ethyl 30 ester; Benzo[b]thiophene-2-carboxylic acid [3-(2,4-dimethoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-amide; 1 [3 (2,4 Dimethoxy phenyl) 5,5 dimethyl [1,2,4]oxadiazol 4 yl] 3 phenyl urea; N-[3-(2,4-Dimethoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-2-phenoxy-acetamide;

N-[3-(2-Methoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-succinamic

ethyl

```
acetamide;
                            N-[3-(2.4-Dimethoxy-phenyl)-5.5-dimethyl-[1,2.4]oxadiazol-4-yl]-2-phenyl-acetamide;
                            Furan-2-carboxylic acid [3-(2,4-dimethoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-
  5
                            amide;
                            N-[3-(2,4-Dimethoxy-phenyl)-5,5-dimethyl-[1,2,4] oxadiazol-4-yl]-2-ethyl-3-methoxy-phenyl-5,5-dimethyl-[1,2,4] oxadiazol-4-yl]-2-ethyl-3-methoxy-phenyl-5,5-dimethyl-[1,2,4] oxadiazol-4-yl]-2-ethyl-3-methoxy-phenyl-5,5-dimethyl-[1,2,4] oxadiazol-4-yl]-2-ethyl-3-methoxy-phenyl-5,5-dimethyl-[1,2,4] oxadiazol-4-yl]-2-ethyl-3-methoxy-phenyl-5,5-dimethyl-[1,2,4] oxadiazol-4-yl]-2-ethyl-3-methoxy-phenyl-6,5-dimethyl-[1,2,4] oxadiazol-4-yl]-2-ethyl-3-methoxy-phenyl-6,5-dimethyl-[1,2,4] oxadiazol-4-yl]-2-ethyl-3-methoxy-phenyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl-6,5-dimethyl
                            benzamide;
                            N-(3-Biphenyl-4-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-4-ethyl-benzamide;
                            N-(3-Biphenyl-4-yl-5,5-dimethyl-[1,2,4]oxadiazol-4-yl)-2-ethyl-3-methoxy-benzamide;
10
                            4-Ethyl-N-(5-ethyl-5-methyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-benzamide;
                            N-(5-Ethyl-5-methyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-benzamide;
                            Benzo[b]thiophene-2-carboxylic acid (5-ethyl-5-methyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-
                            amide:
                            1 (5 Ethyl 5 methyl 3 phenyl [1,2,4]oxadiazol 4 yl) 3 phenyl urea;
15
                            N-(5-Ethyl-5-methyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-2-phenoxy-acetamide;
                            2-Benzyloxy-N-(5-ethyl-5-methyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-acetamide;
                            N-(5-Ethyl-5-methyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-2-phenyl-acetamide;
                            Furan-2-carboxylic acid (5-ethyl-5-methyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-amide;
                            2-Ethyl-N-(5-ethyl-5-methyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-3-methoxy-benzamide;
20
                            N-[3-(3,5-Dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-4-ethyl-benzamide;
                            N-[3-(3,5-Dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-benzamide;
                            3-Chloro-N-[3-(3,5-dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-2,2,3,3-
                            tetrafluoro-propionamide;
                            N-[3-(3,5-Dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-succinamic
                                                                                                                                                                                                acid
25
                            ethyl ester;
                            Benzo[b]thiophene-2-carboxylic
                                                                                                   acid
                                                                                                                    [3-(3,5-dimethyl-phenyl)-5-ethyl-5-methyl-
                            [1,2,4]oxadiazol-4-yl]-amide;
                            1 [3 (3.5 Dimethyl phenyl) 5 ethyl 5 methyl [1,2,4]oxadiazol 4 yl] 3 phenyl urea;
                            N-[3-(3,5-Dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-2-phenoxy-
30
                            acetamide:
                            2-Benzyloxy-N-[3-(3,5-dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-
                            acetamide;
                            N-[3-(3,5-Dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-2-phenyl-
                            acetamide;
```

2-Benzyloxy-N-[3-(2,4-dimethoxy-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-

```
yl]-amide;
              N-[3-(3,5-Dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-2-ethyl-3-methoxy-
              benzamide;
 5
              4-Ethyl-N-(3-phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-benzamide;
              N-(3-Phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-benzamide;
              3-Chloro-2,2,3,3-tetrafluoro-N-(3-phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-
              propionamide;
              N-(3-Phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-succinamic acid ethyl ester;
10
              Benzo[b]thiophene-2-carboxylic acid (3-phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-
              yl)-amide;
              1 Phenyl 3 (3 phenyl 1 oxa 2,4 diaza spiro[4.4]non 2 en 4 yl) urea;
              2-Phenoxy-N-(3-phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-acetamide;
              2-Benzyloxy-N-(3-phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-acetamide;
15
              2-Phenyl-N-(3-phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-acetamide;
              Furan-2-carboxylic acid (3-phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-amide;
              2-Ethyl-3-methoxy-N-(3-phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-benzamide;
              N-[3-(3,5-Dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl]-4-ethyl-
              benzamide;
20
              N-[3-(3,5-Dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl]-benzamide;
              3-Chloro-N-[3-(3,5-dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4,4]non-2-en-4-yl]-2,2,3,3-
              tetrafluoro-propionamide;
              N-[3-(3,5-Dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4,4]non-2-en-4-yl]-succinamic
                                                                                                acid
              ethyl ester;
25
              Benzo[b]thiophene-2-carboxylic
                                                  acid
                                                           [3-(3,5-dimethyl-phenyl)-1-oxa-2,4-diaza-
              spiro[4.4]non-2-en-4-yl]-amide;
              1 [3 (3,5 Dimethyl phenyl) 1 oxa 2,4 diaza spiro[4.4]non 2 en 4 yl] 3 phenyl urea;
              N-[3-(3,5-Dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl]-2-phenoxy-
              acetamide:
30
              2-Benzyloxy-N-[3-(3,5-dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl]-
              acetamide;
              N-[3-(3,5-Dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4,4]non-2-en-4-yl]-2-phenyl-
              acetamide:
```

Furan-2-carboxylic acid [3-(3,5-dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-

```
Furan-2-carboxylic acid [3-(3,5-dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-
              yl]-amide;
              N-[3-(3.5-Dimethyl-phenyl)-1-oxa-2.4-diaza-spiro[4.4]non-2-en-4-yl]-2-ethyl-3-
              methoxy-benzamide;
 5
              4-Ethyl-N-(3-phenyl-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl)-benzamide;
              N-(3-Phenyl-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl)-benzamide;
              1 Phenyl 3 (3 phenyl 1,8 dioxa 2,4 diaza spiro[4.5]dec 2 en 4 yl) urea;
              2-Phenoxy-N-(3-phenyl-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl)-acetamide;
              2-Benzyloxy-N-(3-phenyl-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl)-acetamide;
10
              2-Phenyl-N-(3-phenyl-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl)-acetamide;
              2-Ethyl-3-methoxy-N-(3-phenyl-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl)-
              benzamide;
              N-[3-(3,5-Dimethyl-phenyl)-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl]-4-ethyl-
              benzamide;
15
              N-[3-(3,5-Dimethyl-phenyl)-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl]-benzamide;
              1 [3 (3,5 Dimethyl phenyl) 1,8 dioxa 2,4 diaza spiro[4.5]dec 2 en 4 yl] 3 phenyl urea;
              N-[3-(3,5-Dimethyl-phenyl)-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl]-2-phenoxy-
              acetamide;
              2-Benzyloxy-N-[3-(3,5-dimethyl-phenyl)-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl]-
20
              acetamide;
              N-[3-(3,5-Dimethyl-phenyl)-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl]-2-phenyl-
              acetamide;
              Furan-2-carboxylic acid [3-(3,5-dimethyl-phenyl)-1,8-dioxa-2,4-diaza-spiro[4,5]dec-2-
              en-4-yl]-amide;
25
              N-[3-(3,5-Dimethyl-phenyl)-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl]-2-ethyl-3-
              methoxy-benzamide;
              N-[3-(3,5-Dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4.5]-7,8-benzo-dec-2-en-4-yl]-3-
              methoxy-2-methyl-benzamide;
              N-[3-(3,5-Dimethyl-phenyl)-1,8-dioxa-2,4-diaza-spiro[4.5]dec-2-en-4-yl]-3-methoxy-2-
30
              methyl-benzamide;
              N-[3-(3,5-Dimethyl-phenyl)-5,5-dimethyl-[1,2,4]oxadiazol-4-yl]-3-methoxy-2-methyl-
              benzamide;
              N-[3-(3,5-Dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-4-ethyl-2-fluoro-
```

benzamide;

 $\label{lem:condition} 4-Ethyl-2-fluoro-N-(3-phenyl-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl)-benzamide; \\ N-[3-(3,5-Dimethyl-phenyl)-1-oxa-2,4-diaza-spiro[4.4]non-2-en-4-yl]-4-ethyl-2-fluoro-benzamide; \\$

N-(5,5-Dimethyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-4-ethyl-2-fluoro-benzamide;

- 5 5-Ethyl-2,3-dihydro-benzo[1,4]dioxine-6-carboxylic acid (5,5-dimethyl-3-phenyl-[1,2,4]oxadiazol-4-yl)-amide; and 5-Ethyl-2,3-dihydro-benzo[1,4]dioxine-6-carboxylic acid [3-(3,5-dimethyl-phenyl)-5-ethyl-5-methyl-[1,2,4]oxadiazol-4-yl]-amide.
- 10 6-17. (cancelled)